

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings in the application:

Listing of Claims:

1. (Currently amended) A crash barrier assembly, comprising:

a plurality of prismatic, solid material structural elements, at least one of said elements having a shoulder forming two vertical surfaces and a horizontal surface on at least one of its sides, and another element having substantially matching surfaces on at least one of its sides so as to facilitate juxtaposing of said elements,

a coupling structure ~~which interconnects~~ in the form of a rod traversing said horizontal surface and interconnecting said elements to each other in a manner facilitating relative controlled movement along the horizontal surface of one element with respect to the other about said coupling structure, and

energy-absorbing material different than said solid material, located in at least one of said elements and surrounding at least a portion of said rod, ~~the energy-absorbing material being associated with the coupling structure,~~

whereby, upon impact, the relative ~~controlled movement~~ between two adjacent elements about said ~~coupling structure~~ rod, is controlled by the energy absorbed by the energy-absorbing material.

2. (Original) The crash barrier assembly as claimed in claim 1, wherein said elements are generally trapezoidal in shape.

3. (Currently amended) The crash barrier assembly as claimed in claim 1, wherein said ~~coupling structure comprises a rod interconnecting two juxtaposed elements and traversing said horizontal surface~~ is disposed in one of a bore and a hole.

4. (Cancelled)

5. (Currently amended) The crash barrier assembly as claimed in claim 1, wherein said energy-absorbing material is ~~selected from the group comprising~~ comprises one of neoprene, rubber, Teflon®, metallic sponge, a metal spring or springs, ~~[[or]]~~ and hydraulic fluid.
6. (Currently amended) The crash barrier assembly as claimed in claim ~~[[3]]~~ 1, wherein said coupling structure further comprises a cup-lined bore in said horizontal surface, into which said rod extends.
7. (Cancelled).
8. (Currently amended) ~~[[The]]~~ A crash barrier assembly as claimed in claim ~~7~~, comprising:
a plurality of prismatic, solid material structural elements, at least one of said elements having a shoulder forming two vertical surfaces and a horizontal surface on at least one of its sides, and another element having substantially matching surfaces on at least one of its sides so as to facilitate juxtaposing of said elements,
a coupling structure in the form of a rod traversing said horizontal surface and interconnecting said elements to each other in a manner facilitating relative controlled movement along the horizontal surface of one element with respect to the other about said coupling structure, and
energy-absorbing material different than said solid material, located in at least one of said elements and surrounding at least a portion of said rod, said rod further comprising: a removable plug for the introduction of hydraulic fluid, and a seal for sealing off said cup,
whereby, upon impact, the relative movement between two adjacent elements about said rod, is controlled by the energy absorbed by the energy-absorbing material.
9. (Original) The crash barrier assembly as claimed in claim 8, wherein said plug is a pressure-sensitive plug.
- 10 - 11. (Cancelled)
12. (Currently amended) The crash barrier assembly as claimed in claim ~~[[3]]~~ 1, wherein said

rod is formed with integral anchoring members.

13. (Currently amended) The crash barrier assembly as claimed in claim [[3]] 1, wherein said rod is formed at its lower portion with a multi-sided body.

14. (Cancelled)

15. (Currently amended) ~~[[The]] A crash barrier assembly as claimed in claim 1, comprising:~~
a plurality of prismatic, solid material structural elements, at least one of said elements having a shoulder forming two vertical surfaces and a horizontal surface on at least one of its sides, and another element having substantially matching surfaces on at least one of its sides so as to facilitate juxtaposing of said elements,

a coupling structure which interconnects said elements to each other in a manner facilitating relative controlled movement along the horizontal surface of one element with respect to the other about said coupling structure, and

an energy-absorbing material different than said solid material, located in at least one of said elements, the energy-absorbing material being associated with the coupling structure,

whereby, upon impact, the relative controlled movement between two adjacent elements about said coupling structure, is controlled by the energy absorbed by the energy-absorbing material, and

wherein said energy-absorbing material is affixed ~~[[on]]~~ along one or both of the vertical surfaces of said shoulder.

16. (Previously presented) The crash barrier assembly as claimed in claim 1, wherein said energy-absorbing material is disposed in a groove formed in at least one of the vertical surfaces of said shoulder.

17. (Previously presented) A crash barrier assembly, comprising:

a plurality of prismatic, solid material structural elements, at least one of said elements having a shoulder forming two vertical surfaces and a horizontal surface on at least one of its sides, and another element having substantially matching surfaces on at least one of its sides so as to facilitate juxtaposing of said elements;

energy-absorbing material located in at least one of said elements, and
coupling structure which interconnects said elements to each other in a manner
facilitating relative controlled movement along the horizontal surface of one element with
respect to the other about said coupling structure, wherein said energy-absorbing material has a
reinforcing spring embedded therein.

18 - 23. (Cancelled).